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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/829,793	04/10/2001	Martijn Johannes Lambertus Emons	NL 000215	1893

24737 7590 05/08/2003

PHILIPS ELECTRONICS NORTH AMERICAN CORP  
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TARRYTOWN, NY 10591

EXAMINER

KIM, HONG CHONG

ART UNIT	PAPER NUMBER
2186	

DATE MAILED: 05/08/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/829,793	EMONS, MARTIJN JOHANNES LAMBERTUS
Examiner	Art Unit	
Hong C Kim	2186	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1)  Responsive to communication(s) filed on 10 April 2001 .

2a)  This action is **FINAL**.                    2b)  This action is non-final.

3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4)  Claim(s) 1-5 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) 1-5 is/are rejected.

7)  Claim(s) \_\_\_\_\_ is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on 10 April 2001 is/are: a)  accepted or b)  objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)  The proposed drawing correction filed on \_\_\_\_\_ is: a)  approved b)  disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12)  The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

13)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)  All b)  Some \* c)  None of:

1.  Certified copies of the priority documents have been received.
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

14)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a)  The translation of the foreign language provisional application has been received.

15)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)      4)  Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_ .  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)      5)  Notice of Informal Patent Application (PTO-152)  
3)  Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5.      6)  Other: \_\_\_\_\_

**Detailed Action**

1. Claims 1-5 are presented for examination. This office action is in response to the application filed on 4/10/01.

***Priority***

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

***Information Disclosure Statement***

3. Receipt is acknowledged of information disclosure statement filed on 8/13/01, which the statement has been placed of record in the file. Information disclosed and listed on PTO 1449 was considered.

***Drawings***

4. The drawings are objected to because:
  - a. Applicant is asked to provide descriptive labels for the black boxes in figure 1 to facilitate the general understanding of the present invention.  
Appropriate correction is required.

*Specification*

5. The disclosure is objected to because of the following informalities: In the abstract page, it appears that Fig. should be deleted (see line 5)

Appropriate correction is required.

*Claim Rejections - 35 USC § 103*

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Leyrer US Patent 5,729,713 view of Cohen et al. (Cohen) US Patent 5,551,001.

As to claims 1-4, Leyrer discloses a data processing circuit switchable between operation a cache mode and a cache bypass mode (abstract bottom), the data processing circuit comprising a power supply connection (power in the bottom of the abstract reads on this limitation since a processor and a cache require power to operate and function), a cache (Fig. 4), a processor circuit for executing program instruction (abstract, command reads on this limitation), a cache interface circuit coupled to the processor (Fig. 4), a memory interface circuit with a main memory (Fig. 6), and a first portion and a second portion of a program to switch between the cache mode and the cache bypass mode (abstract). However, Leyrer does not specifically disclose the power supply

switch cutting power supply to the cache when the data processing circuit operates in the cache bypass mode.

Cohen discloses the power supply switch cutting power supply to the cache when the data processing circuit operates in the cache bypass mode (col. 17 lines 55-59) for the purpose of saving power thereby prolong the system operation.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the power supply switch cutting power supply to the cache when the data processing circuit operates in the cache bypass mode as shown in Cohen into the invention of Leyrer for the advantages stated above.

As to claim 5, claim 5 are a rephrasing of claim 4 in software form. The claims are rejected for the same reason as set forth above.

### *Conclusion*

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See attached PTO-892.
9. a shortened statutory period for response to this action is set to expire 3 (three) months and 0 (zero) days from the mail date of this letter. Failure to respond within the period for response will result in **ABANDONMENT** of the application (see 35 USC 133, MPEP 710.02, 710.02(b)).

10. When responding to the office action, Applicant is advised to clearly point out the patentable novelty which he or she thinks the claims present in view of the state of the art disclosed by the references cited or the objections made. He or she must also show how the amendments avoid such references or objections. See 37 C.F.R. § 1.111(c).

11. When responding to the office action, Applicants are advised to provide the examiner with the line numbers and page numbers in the application and/or references cited to assist examiner to locate the appropriate paragraphs.

12. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Hong Kim whose telephone number is (703) 305-3835. The Examiner can normally be reached on the weekdays from 8:30 AM to 5:00 PM.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Matt Kim, can be reached on (703) 305-3821.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

13. **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to TC-2100:**

After-Final (703) 746-7238  
Official (703) 746-7239 (for formal communications intended for entry)

Non-Official/Draft (703) 746-7240 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

HK  
Primary Patent Examiner  
May 5, 2003

*l. J. (h.)*